TOC Analyzer LX100TOC

Email: info@labdex.com **website:** www.labdex.com

Description

TOC Analyzer LX100TOC is applied for the determination of TOC (Total Organic Carbon Content) present in liquid or gas samples by the “Wet Chemical Oxidation Method”. It is equipped with Nitrogen (N2) gas and a non-dispersive infrared (NDIR) detector for the determination of carbon in the range of 0 to 10000 mg/l. It offers 24-bit data solutions with an extended monitoring range, and a controlling system with 32-bit processing technology to substantially increase operation.

Specifications

Measurement Range	0-10000 mg/l
Detection Limit	5 µg/l (ppb)
Detection method	Wet chemical Oxidation by UV
Detector	NDIR
Parameters	TC, TIC, TOC, NPOC
Sample type	Liquid Sample
Gas Requirement	Nitrogen ≥ 99.995%
Repeatability	0.03
Maximum Salinity	85 g/l
Operation Mode	PC Control
Power	2W, AC220V, 50Hz or AC110V, 60Hz
Dimension	430 × 455 × 440 mm
Weight	24 kg
Packing dimension	660 × 610 × 680 mm
Gross weight	45 kg

Features

- It can analyze TOC, TIC, TC, and NPOC parameters by using an NDIR detector
- Signal management system: Online setting, real-time monitoring, self-testing, and flow speed control for high performance and safe operation
- Having a different temperature setting for secure complete sample digestion, obtaining more accurate data
- Built-in automatic leakage checking and flow rate controlling system

- Adjustable cooling module power as per sampling volume, flow rate controlling system, and automatic leak check system

Applications

- TOC analyzer used in pharmaceuticals, quality control testing of drinking water, waste and sewage water, and industrial water.

Standard Accessories

- Halogen removing material (30g/pack): 2 pack
- Quartz wool (0.2g/pack): 2 pack
- Sample pad: 2 pcs
- Filtration membrane: 1 box
- Sample bottle: 1 pcs
- Acid bottle: 2 pcs
- Waste bottle: 1 pcs
- Connecting pipe (3.2 ×1.6 mm): 8 meter
- Nitrogen decompression device: 1 set
- Power cord: 1 pcs
- USB communication line: 1 pcs
- Software

Optional Accessories

- Autosampler

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.
Email: info@labdex.com | Website: www.labdex.com